

FIG. 1 (RELATED ART)

R	G	R	G
G	B	G	B
R	G	R	G
G	B	G	B

R:Red  
G:Green  
B:Blue

FIG. 30

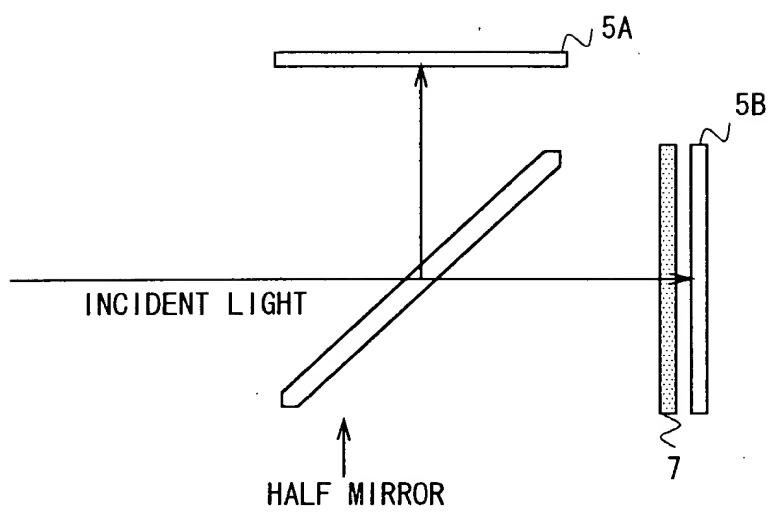
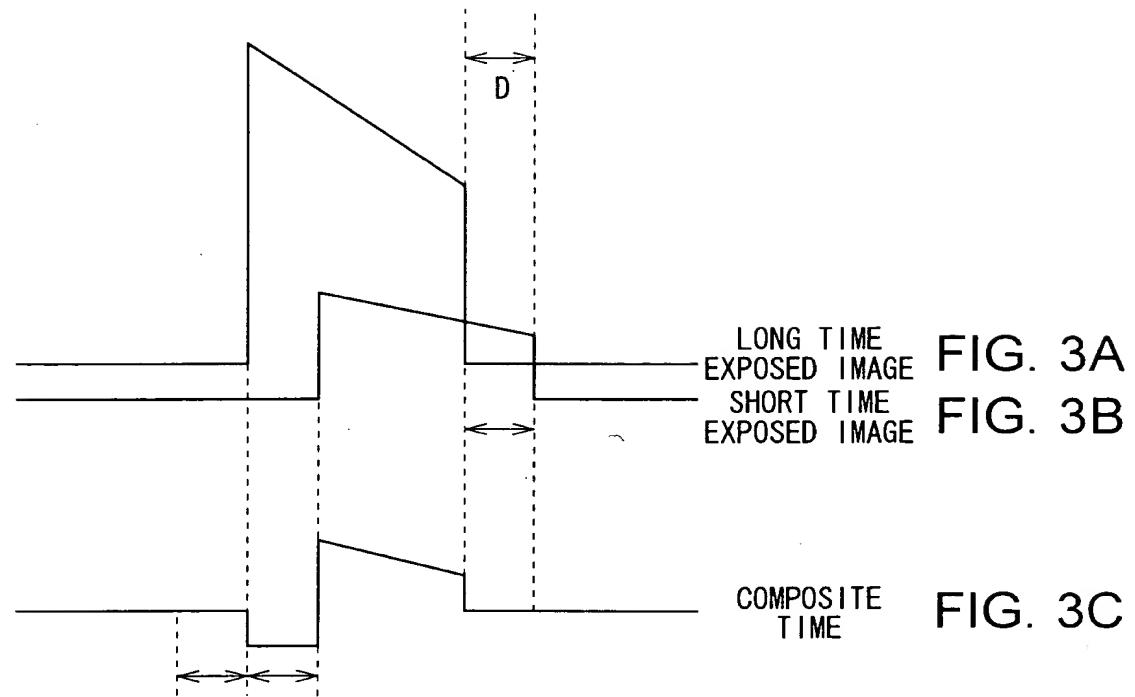


FIG. 2 (RELATED ART)



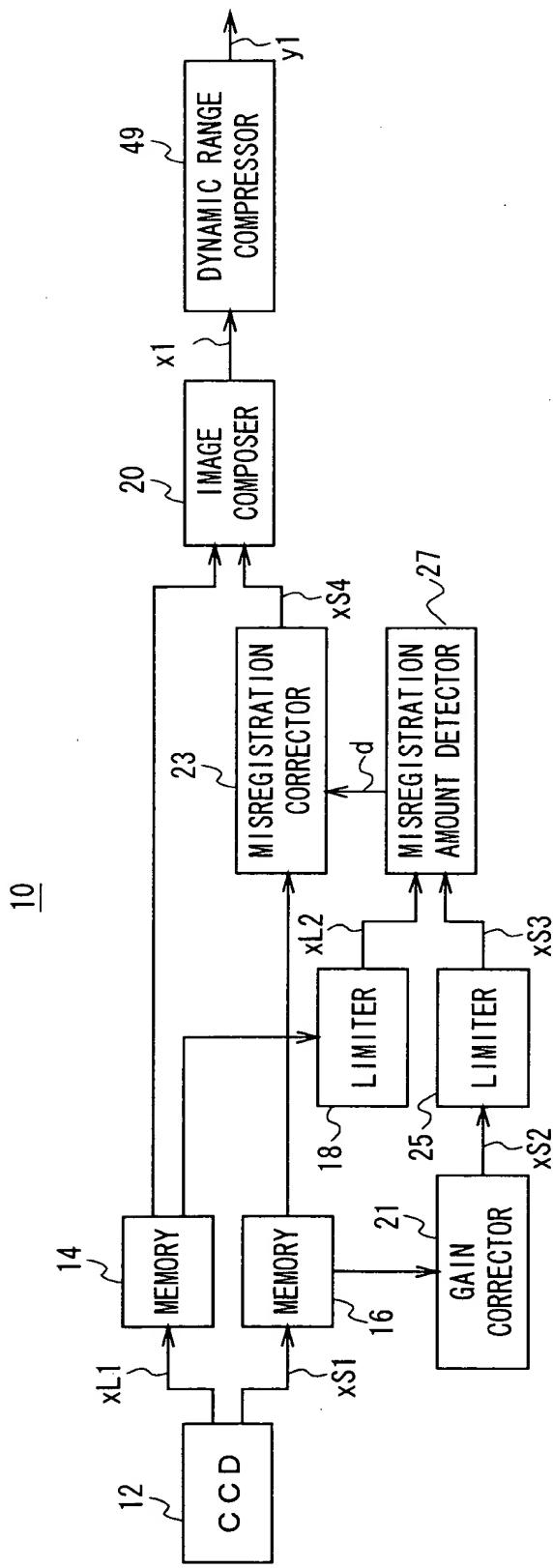


FIG. 4

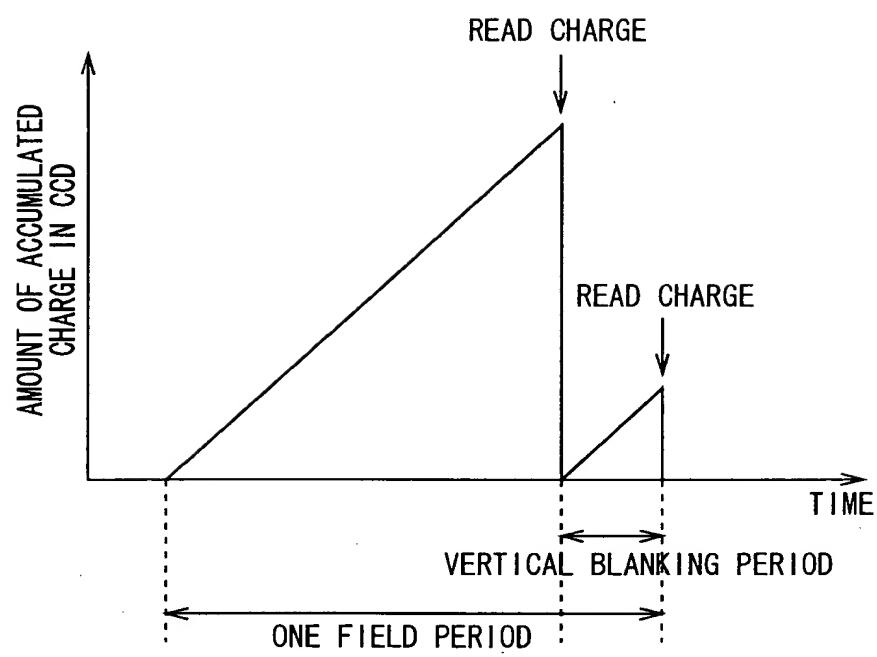


FIG. 5

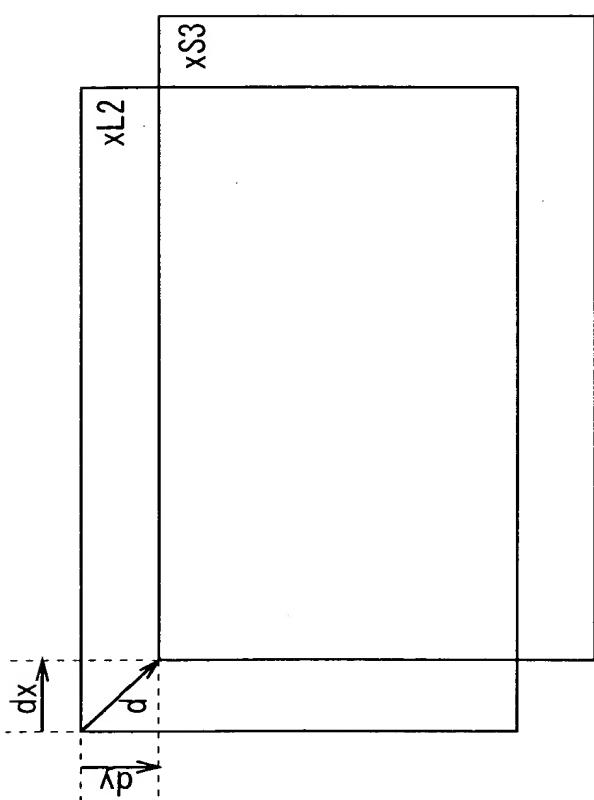


FIG. 6

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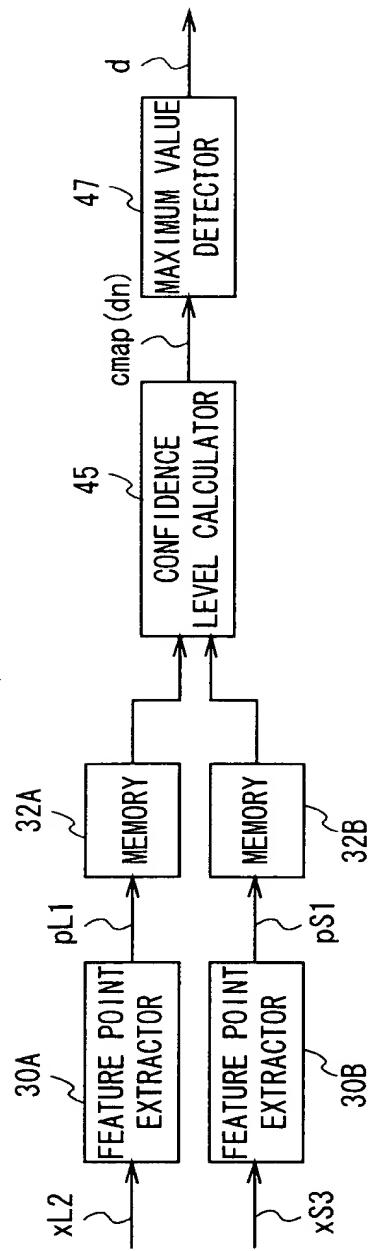


FIG. 7

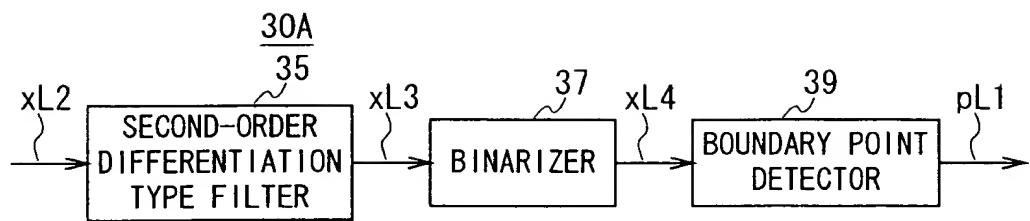


FIG. 8

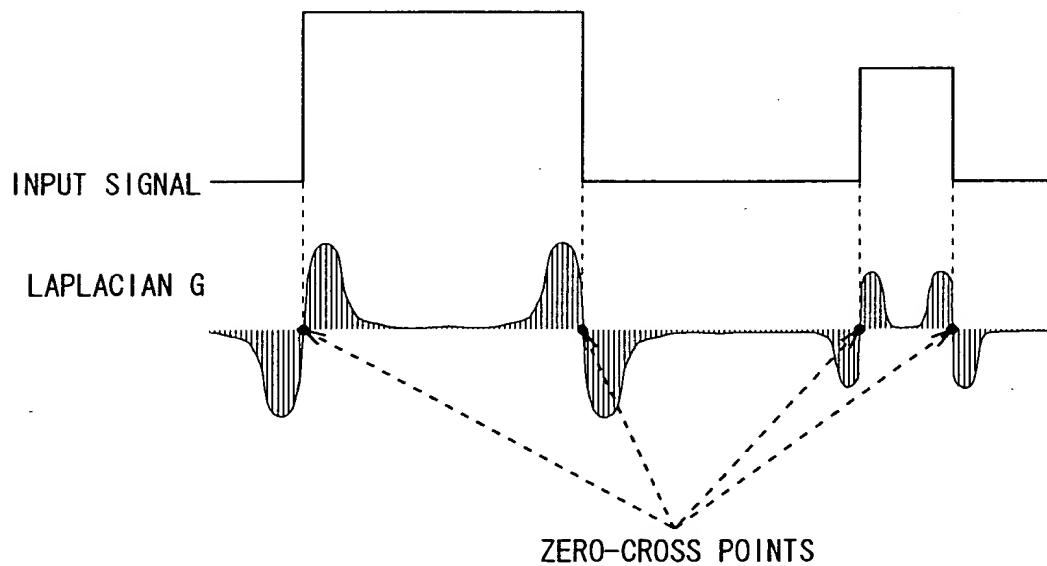


FIG. 9

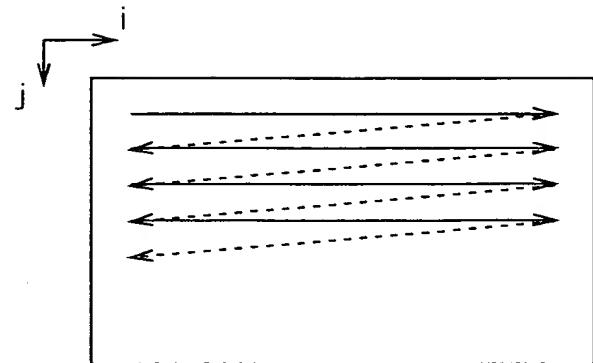


FIG. 10

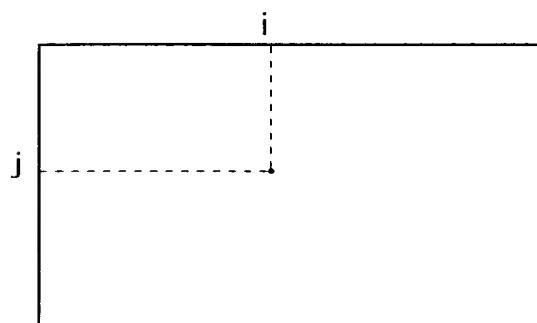


FIG. 11A

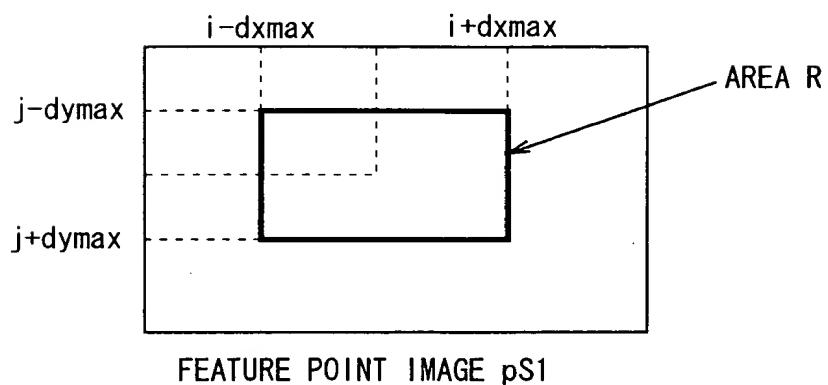


FIG. 11B

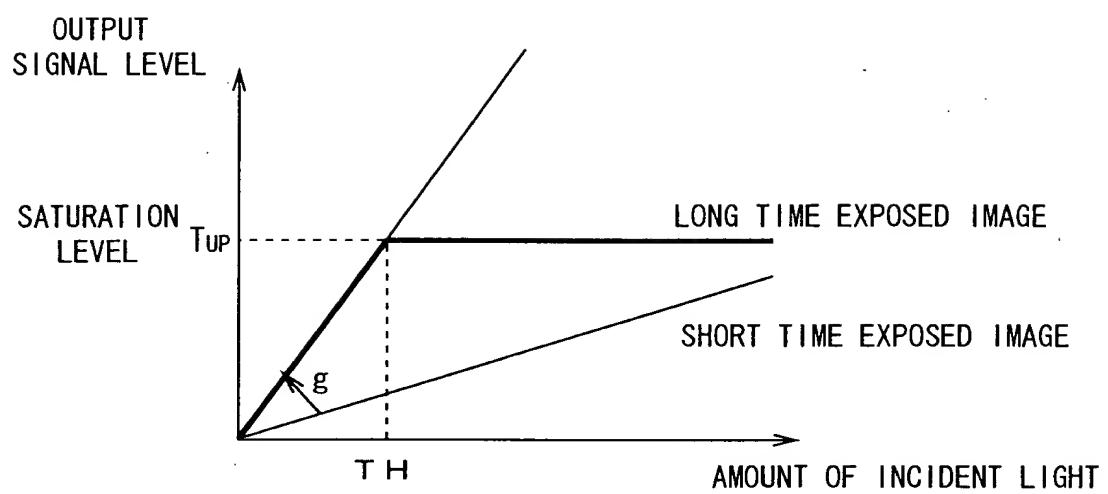


FIG. 12

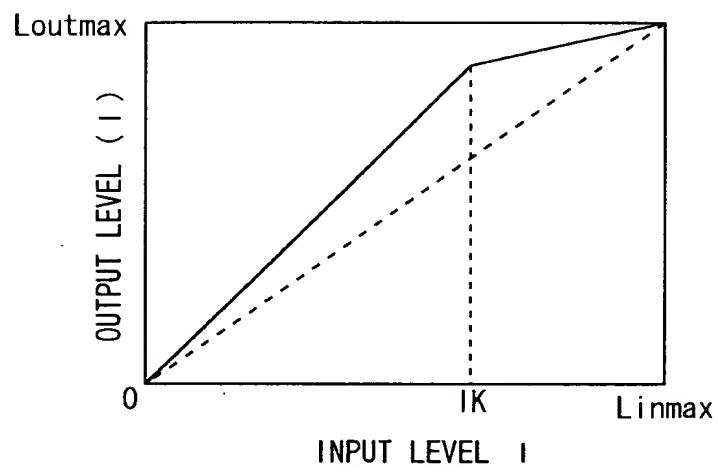
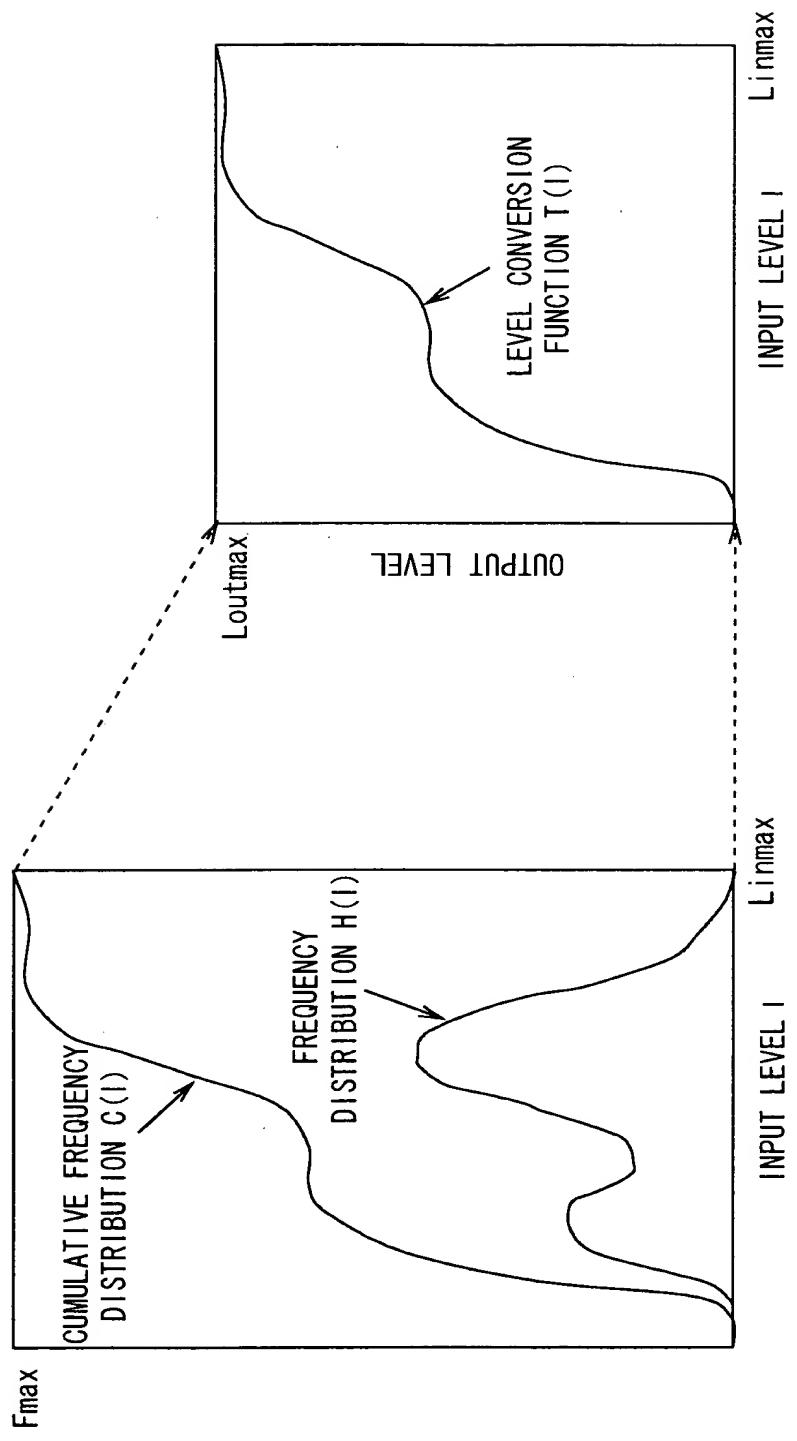


FIG. 13



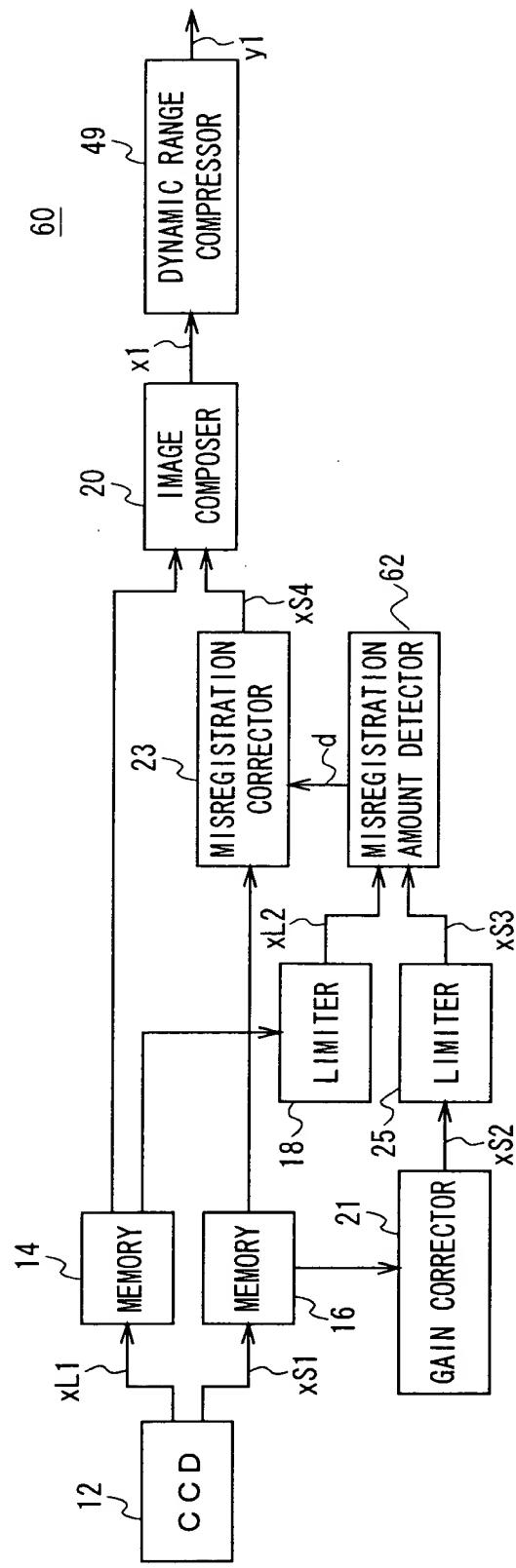


FIG. 15

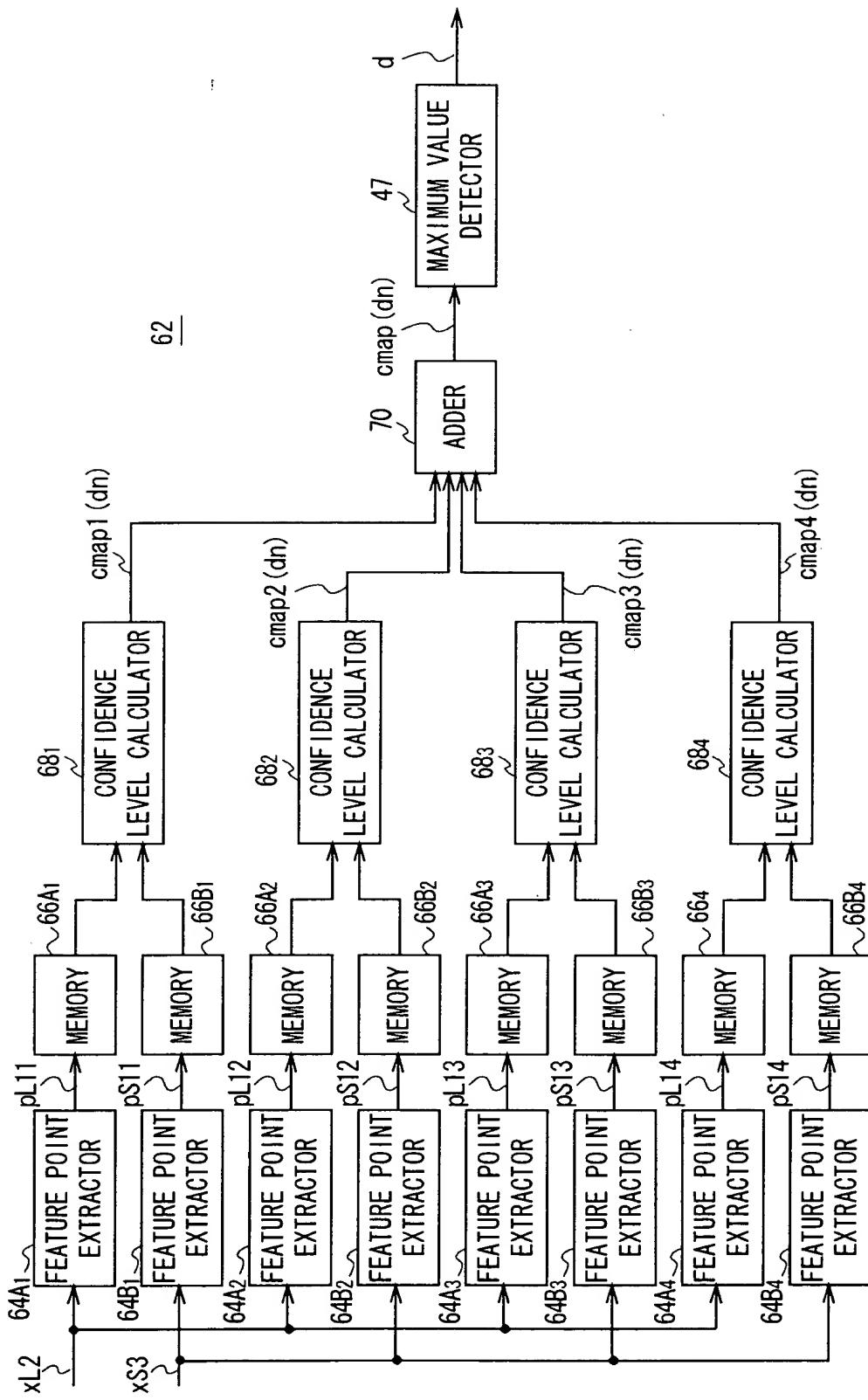


FIG. 16

FIG. 17

	$x(i+1, j) \geq 0$ AND $x(i-1, j) < 0$	$x(i-1, j) \geq 0$ AND $x(i+1, j) < 0$
$x(i, j+1) \geq 0$ AND $x(i, j-1) < 0$	FEATURE POINT p1	FEATURE POINT p2
$x(i, j-1) \geq 0$ AND $x(i, j+1) < 0$	FEATURE POINT p3	FEATURE POINT p4

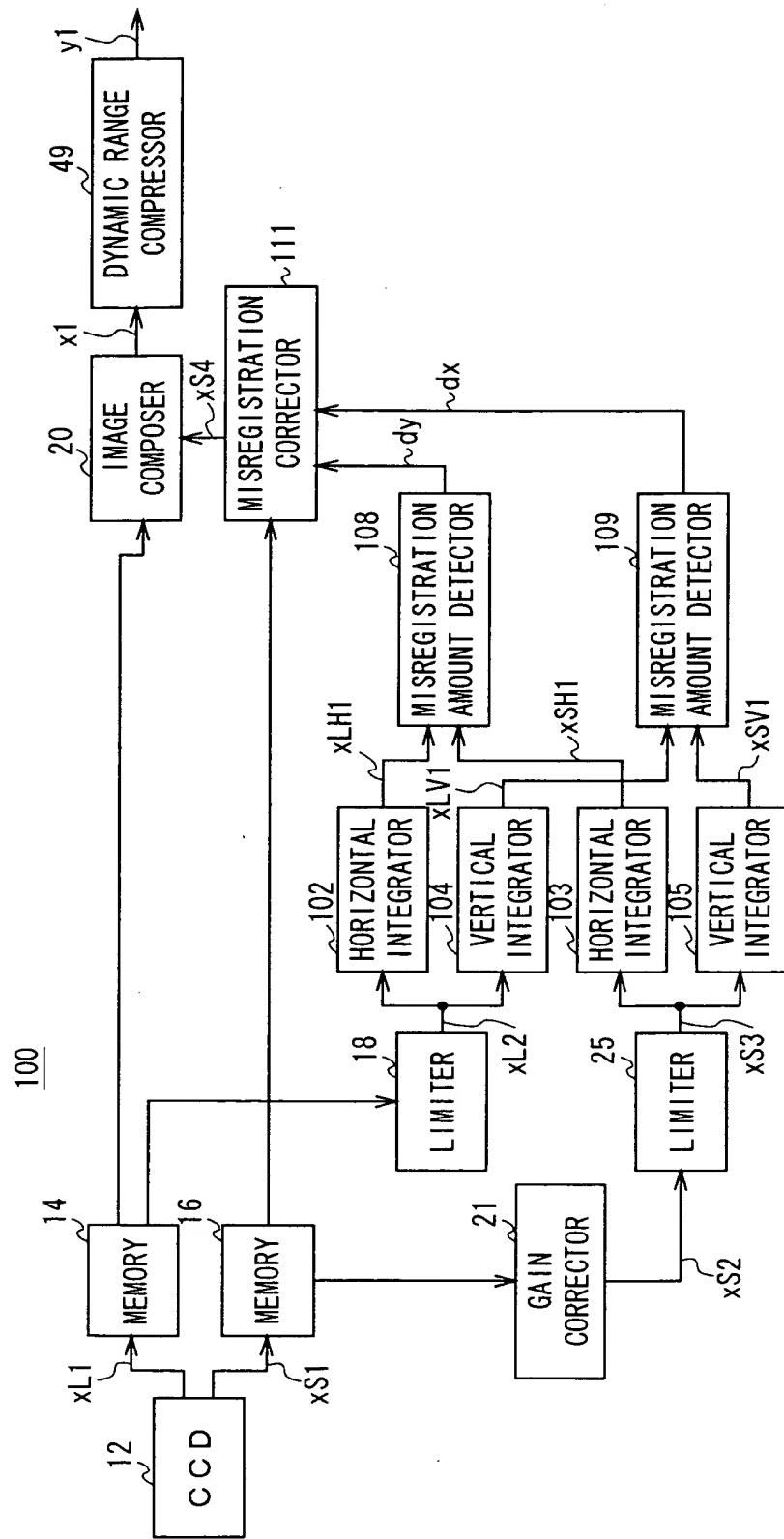


FIG. 18

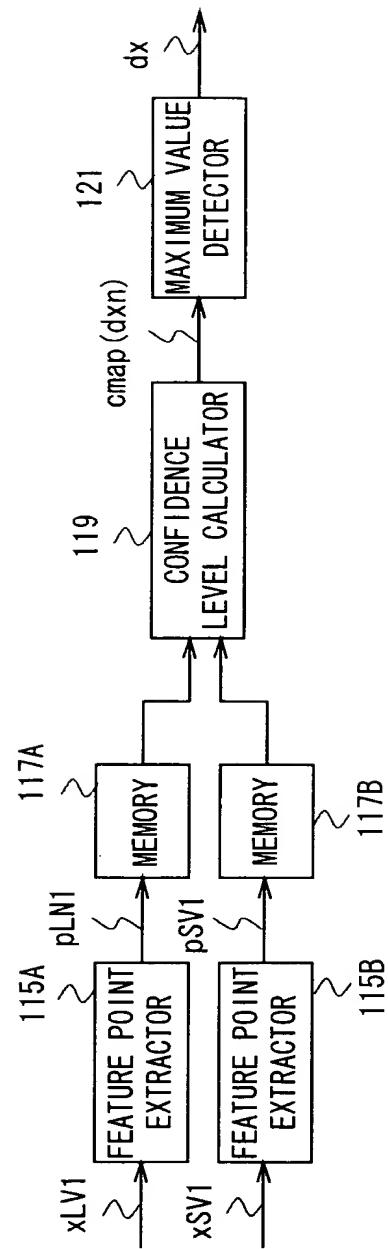
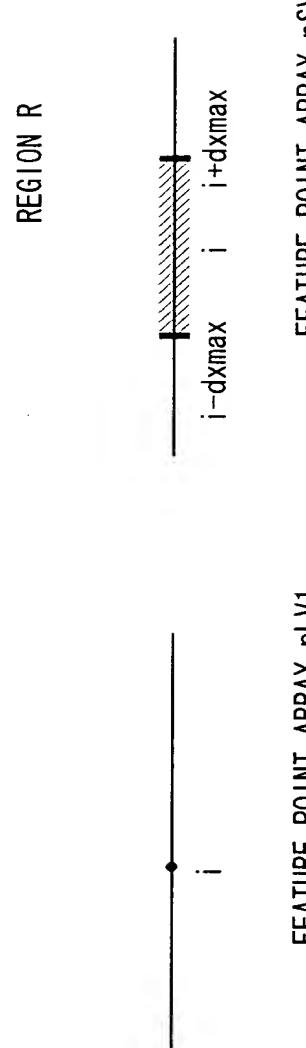


FIG. 19



FEATURE POINT ARRAY  $p_{LV1}$

FIG. 20A

FEATURE POINT ARRAY  $p_{SV1}$

FIG. 20B

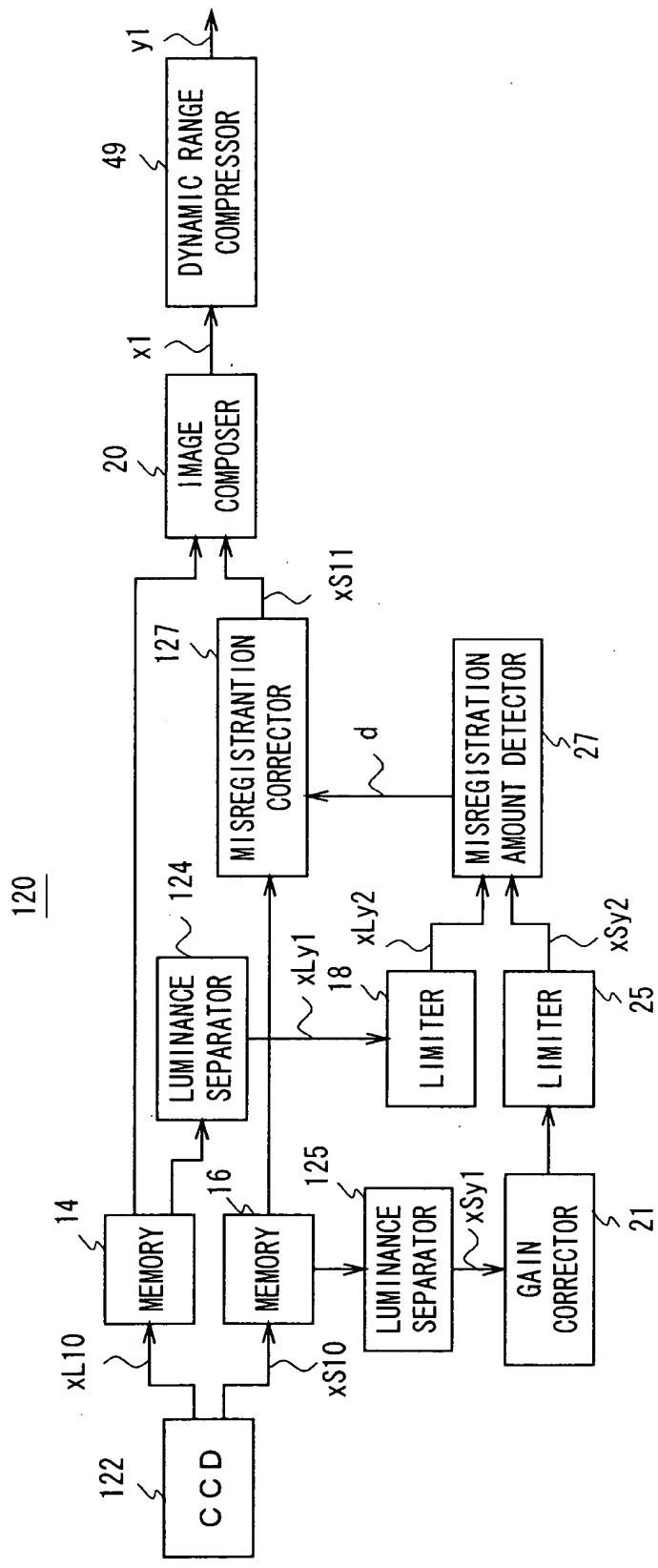


FIG. 21

Ye	Cy	Ye	Cy
Mg	G	Mg	G
Ye	Cy	Ye	Cy
G	Mg	G	Mg

G:Green  
 Ye:Yellow  
 Cy:Cyan  
 Mg:Magenta

FIG. 22

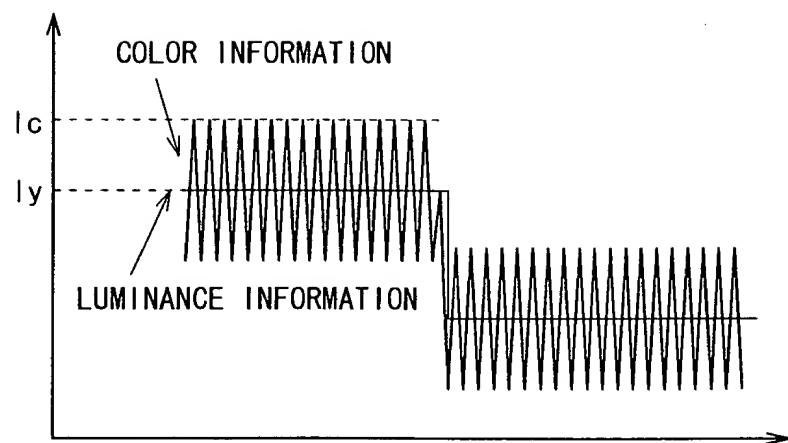


FIG. 23

Ye	Cy	Ye	Cy
Mg	G	Mg	G
Ye	Gy	Ye	Cy
G	Mg	G	Mg

LONG TIME EXPOSED IMAGE xL

Ye	Cy	Ye	Cy
Mg	G	Mg	G
Ye	Cy	Ye	Cy
G	Mg	G	Mg

SHORT TIME EXPOSED IMAGE xS

FIG. 24A

FIG. 24B

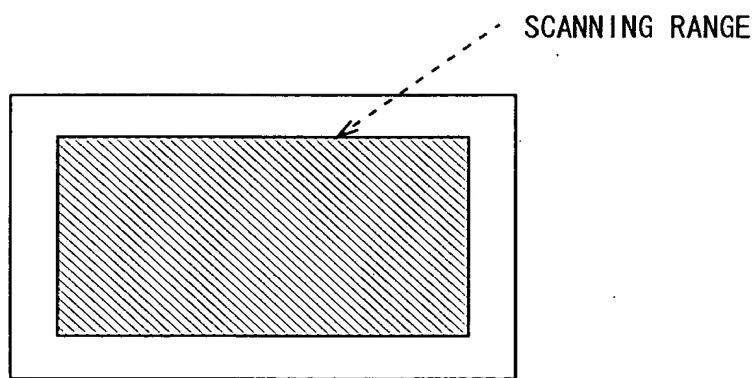


FIG. 25

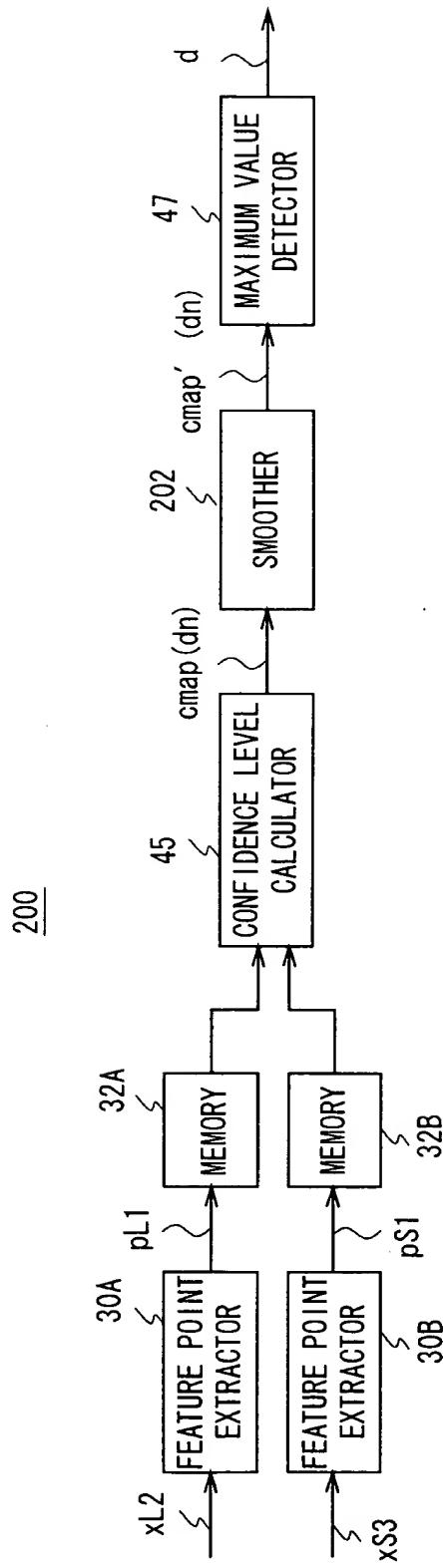


FIG. 26

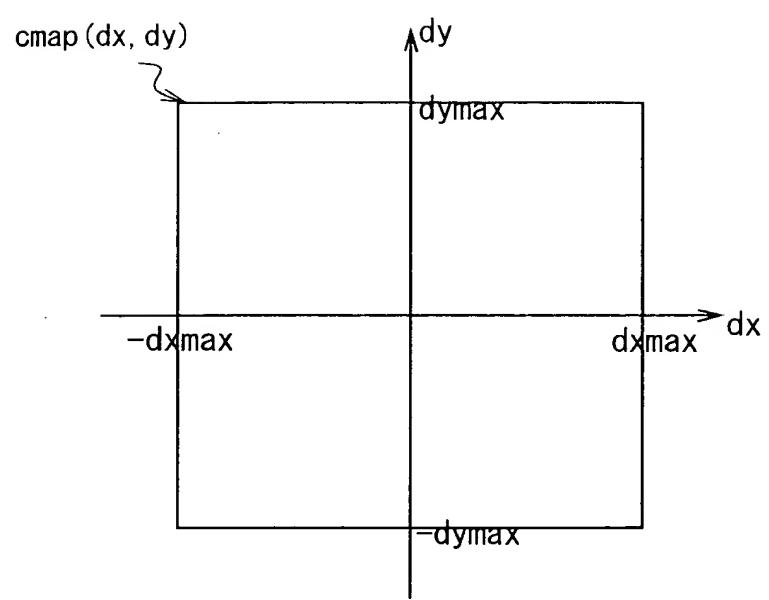


FIG. 27

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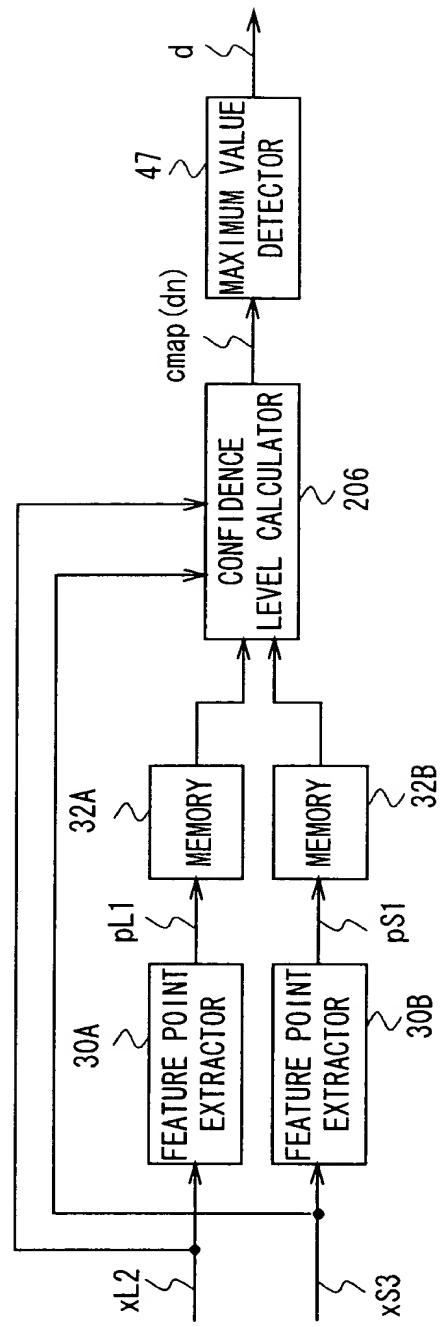


FIG. 28

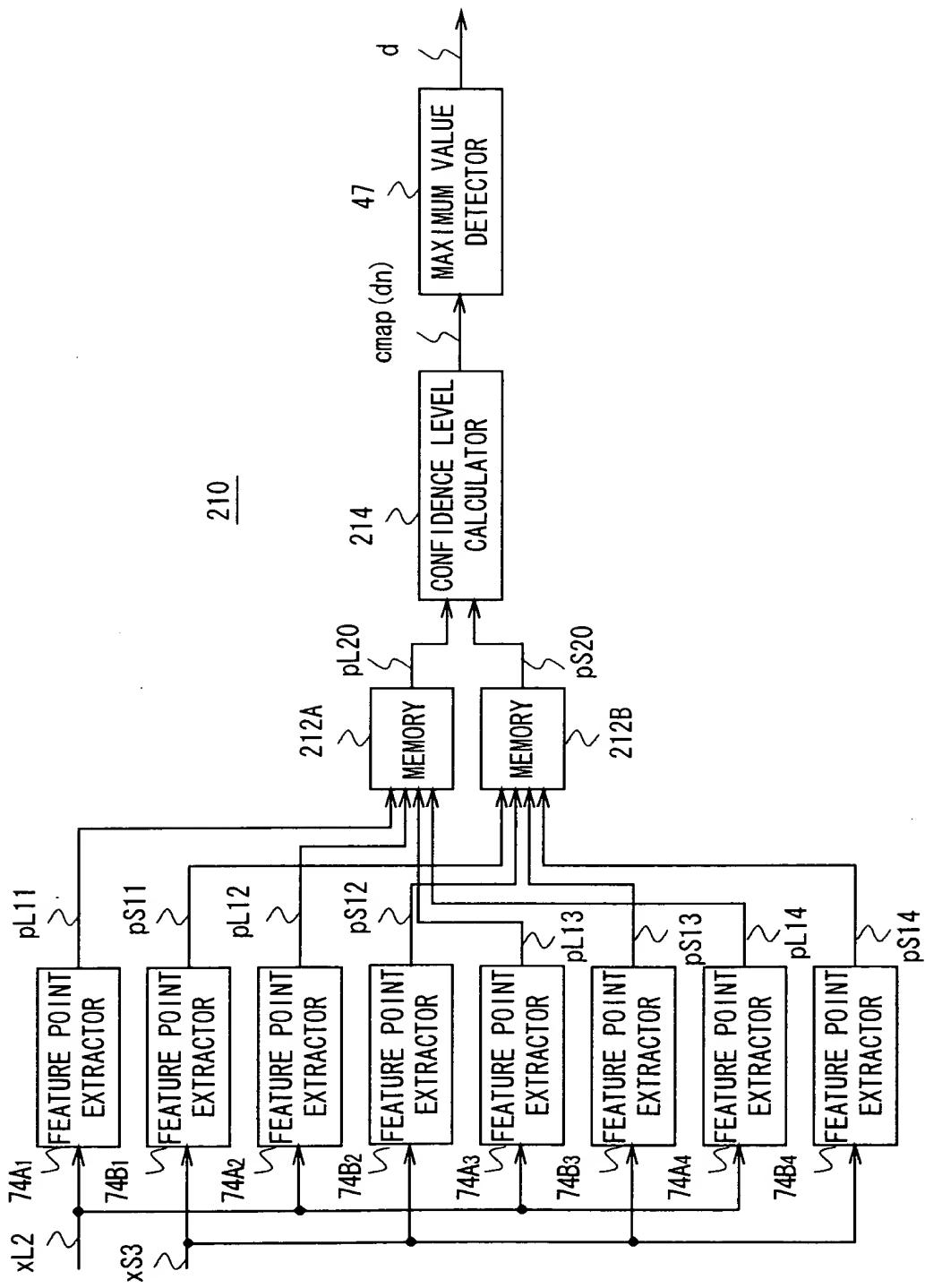


FIG. 29